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Product Information

Recombinant Anti-Human IL5 Antibody scFv Fragment

Cat. No.: **MOM-18031-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody scFv Fragment is specific to Human IL5, expressed in E. coli

Antigen Description

Interleukin 5 or IL-5 is an interleukin produced by T helper-2 cells and mast cells. Through binding to the IL-5 receptor, IL-5 stimulates B cell growth and increases immunoglobulin secretion. It is also a key mediator in eosinophil activation.

Specific Activity

Tested positive against native antigen.

Target

IL5

Immunogen

Recombinant human IL5.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

scFv Fragment from Humanized (from mouse) IgG1 - kappa

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

BACKGROUND

Keywords

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ANTIGEN GENE INFOMATION

Gene Name

IL5 interleukin 5 (colony-stimulating factor, eosinophil) [Homo sapiens]

Official Symbol

IL5

Synonyms

IL5; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5; B cell differentiation factor I; EDF; eosinophil differentiation factor; IL 5; interleukin 5; T cell replacing factor; TRF; T-cell replacing factor; B-cell differentiation factor I; IL-5;

Gene ID

3567

mRNA Refseq

NM_000879

Protein Refseq

NP_000870

MIM

147850

UniProt ID

P05113

Chromosome Location

5q23-q31

Pathway

Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem;

Function

cytokine activity; growth factor activity; interleukin-5 receptor binding; protein binding;

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